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PAID UP OIL AND GAS LEASE

PROD 88

THIS LEASE AGREEMENT is made as of the 17th day of April, 2007 between Arnold Brannan and Collette Brannan, 2109 Weeping Willow Dr., Burleson, Texas 76028, as Lessor and CARRIZO OIL & GAS, INC., 1000 Louisiana, Suite 1500, Houston, Texas 2109 Weeping Willow Dr., Burleson, Texas 76028, as Lessor and CARRIZO OIL & GAS, INC., 1000 Louisiana, Suite 1500, Houston, Texas ZIUS Weeping WHOW Dr. Burneson, ICRES /DUZS, as Lessor and CARRUZO UIL & UAD, INC., IGUA LOUISMA, SINIC 1500, FIGURESON, ICRES 77002, as Lessee. All printed portions of this lease were prepared by the party hereinabove named as Lessee, but all other provisions including the completion of blank spaces, were prepared jointly by Lessor and Lessee.

1. Description. In consideration of a cash bonus in hand paid and the covenants herein contained, Lessor hereby grants, leases and lets exclusively to Lessee the following described land, hereinafter called leased premises.

Lot 5, Block 6, OAK GROVE ACRES ADDITION, an addition out of the Abner Lee Survey, Abstract No. 931, Tarrant County, Texas, according to the plat recorded in Volume 388-53, Page 37 Plat Records, Tarrant County, Texas.

SEE EXHIBIT "A" ATTACHED HERETO FOR ADDITIONAL PROVISIONS (15-19) OF THIS LEASE

In the County of Tarrant, State of Texas, containing .7809 acre, more or less, (including any interests therein which Lessor may hereafter acquire by reversion, prescription or otherwise), for the purpose of exploring for, developing, producing and marketing oil and gas along with all hydrocarbon and nonhydrocarbon substances produced in association herewith. The term "ges" as used herein includes helium, carbon dioxide, gascous sulfur compounds, coulded methane and other commercial gases, as well a normal hydrocarbon gases. In addition to the above-described gase and the term "lended premises" also course accurations and any small strips or narrate of land now or hereafter award by i according pascous summ compounts, common memore and other commercian gases, as went a normal hydrocarbon gases. In addition to the above-described land, this lease and the term "leased premises" also covers accretions and any small strips or parcels of land now or hereafter owned by Lessor which are contiguous or adjacent to the above-described land, and, in consideration of the aforementioned cash bonus, Lessor agrees to execute at Lessee's request any additional or supplemental instruments for a more complete or accurate description of the land so covered. For the purpose of determining the amount of any payments based on acreage hereunder, the number of gross acres above spacified shall be deemed correct, whether sequently more as these

whether actually more of less.

2. Term of Lease. This lease, which is a "paid-up" lease requiring no rentals, shall be in force for a primary term of Three (3) years from the date hereof, and for as long thereafter as oil or gas or other substances covered hereby are produced in paying quantitles from the leased premises or from lands pooled therewith or this lease is otherwise maintained in effect pursuant to the provisions hereof.

3. Royalty Payment. Royalties on oil, gas and other substances produced and saved hereunder shall be paid by Lessee to Lessor as follows: (a) For oil and other liquid hydrocarbons separated at Lessee's separator facilities, the royalty shall be Twenty-Two Percent (22%) of such production, to be delivered at Lessee's option to Lessor at the wellhead or to Lessor's credit at the oil purchaser's transportation facilities, provided that Lessee shall have the continuing right to soil such production to itself or an affiliate at the wellhead market price then prevailing in the same field (or if there is no such price then prevailing nites) for production, to be delivered at Lessee's option to Lessor at the wellhead or to Lessor's credit at the oil purchaser's transportation incitities, provided that Lessee shall have the continuing right to sell such production to itself or an affiliate at the wellhead market price then prevailing in the same field. Or if there is no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) for production of similar grade and gravity, (b) for gas (including easinghead gas) and all other substances covered hereby, the royalty shall be Twenty-Two Percent (22%) of the proceeds realized by Lessee from the sale thereof, provided that Lessee shall have the continuing right to sall such production to itself or an affiliate at the prevailing wellhead market price for production of similar quality in the same field (or if there if no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) pursuant to comparable purchase arrangements entered into on the same or nearest preceding date as the date on which Lessee or its affiliate commences its purchases hereunder; and (e) in calculating royalties on production hereunder, Lessee may deduct Lesser's proportionate part of any ad valorem, production and excise tuxes and any costs incurred by Lessee in treating, processing, delivering and otherwise marketing such production. If at the end of the primary term or any time thereafter one or more wells on the leased premises or lands pooled therewith are capable of production. If at the end of the primary term or any time thereafter one or more wells on the leased premises or lands pooled therewith are capable of production. If at the end of the primary term of any definition of the production and the production of the purpose of maintaining this lease. A shut-in well shall also include a well or wells drilled on the lease premises or lands pooled therewith the record the reform is not being sold or productive of oil or gas for any one period exceeding three (3) consecutive years.

4. Shal-in Payment. All shut-in royalty payments under this lease shall be paid or tendered directly to Lessor at the above address, or its successors, regardless of changes in the ownership of said land. All payments or tenders may be made in currency, or by check or by draft and such payments or tenders to Lessor by deposit in the U.S. Muils in a samped envelope addressed to the Lessor at the last address known to

Such payments of tenters to Lesson by returners to Lesson the Lesson and the Lesson shall constitute proper payment.

5. Operations. If Lesson drills a well which is incapable of producing in paying quantities (hereinafter called "dry hote") on the leased premises of lands pooled therewith, or if all production (whether or not in paying quantities) permanently ceases from any cause, including a revision of unit boundaries pursuant to the provisions of Pamagraph 6 or the action of any governmental authority, then in the event this lease is not otherwise being maintained in force it shall nevertheless remain in force if Lesson commences operations for reworking an existing well or for drilling an additional well or for otherwise obtaining or restoring production on the leased premises or lands pooled therewith within 90 days after additional well or for otherwise obtaining or restoring production on the leased premises or lands pooled therewith within 90 days after additional well or for otherwise obtaining or restoring production on the leased premises. additional well or for otherwise obtaining or restoring production on the leased premises or lands pooled therewith within 90 days after completion of operations on such dry hole or within 90 days after such cassation of all production. If at the end of the primary term, or at any time thereafter, this lease is not otherwise being maintained in force but Lessee is then engaged in drilling, reworking or any other operations reasonably calculated to obtain or restore production therefrom, this lease shall remain in force so long as any one or more of such operations are prosecuted? with no interruption of more than 90 coasecutive days, and if any such operations result in the production of oil or gas or other substances covered hereby, as long thereafter as there is production in paying quantities from the leased premises or lands pooled therewith as a reasonably prudent operator would drill under the same or similar circumstances to (a) develop the leased premises as to reservoirs then capable of producing in paying quantities on the leased premises or land pooled therewith, or (b) protect the leased premises from uncompensated drainage by any well or wells located on other lands not pooled therewith. There shall be no covenant to drill exploratory wells or any additional wells except as expressly provided herein.

6. Pooling. Lesses shall have the right, but not the obligation, to bool all or any part of the leased premises or interest therein with any other

6. Pooling. Lessee shall have the right, but not the obligation, to pool all or any part of the leased premises or interest therein with any other lands or interests, as to any or all deplits or zonea, and as to any or all substances covered by this lease, either before or after the commencement for the commencement of drilling or production whenever Lessee deems it necessary or proper to do so in order to predently develop or operate the leased premises, whether or not similar pooling authority exists with respect to such other lands or interests. The creation of a unit by such pooling shall be based on the following criteria (hereinafter called "pooling criteria"): A unit for an oil well (other than a horizontal) shall not exceed 40 acres plus a maximum acroage tolerance of 10%, and for a gas well or a horizontal completion shall not exceed 640 acres plus a maximum acroage tolerance of 10%; provided that a larger unit may be formed for an oil well or gas well or horizontal completion to conform to any well spacing or density pattern that may be prescribed or permitted by any governmental authority having jurisdiction to do so. For the purposes of the forgoing, the terms "oil well" and "gas well" shall have the meanings prescribed by applicable law or the appropriate governmental authority, or if no definition is so prescribed, "oil well" means a well with an initial gas-oil ratio of 100,000 cubic feet or more per barrel, based on a 24-hour production test conducted under normal production grants in the horizontal component of the gross completion interval in the reservoir exceeds the vertical component thereof. In exercising its pooling rights the horizontal component of the gross completion interval in the reservoir exceeds the vertical component thereof. In exercising its pooling rights the horizontal component of the gross completion interval in the reservoir exceeds the vertical component thereof. In exercising its pooling rights the horizontal component of the gross completion interval in the reservoir e 6. Pooling. Lessee shall have the right, but not the obligation, to pool all or any part of the leased premises or interest therein with any other

extent such proportion of unit production is sold by Lessee. In the event a unit is formed hereunder before the unit well is drilled and completed, so that the applicable pooling criteria are not yet known, the unit shall be based on the pooling criteria Lessee expects in good finith to apply upon completion of the well; provided that within a reasonable time after completion of the well the unit shall be revised if necessary to conform to the pooling criteria that actually exists. Pooling in one or more instances shall not exhaust Lessee's pooling rights hereunder and Lessee shall have the

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pooling criteria that actually exists. Pooling in one or more instances shall not exhaust Lessee's pooling rights hereunder and Lessee shall have the recurring right but not the obligation to revise my unit formed hereunder by expansion or contraction or both, either before or after commencement of production, in order to conform to the well spacing or density pattern prescribed or permitted by the governmental authority having jurisdiction, or to conform to any productive acroage determination made by such governmental authority. To revise a unit hereunder, lessee shall file of record a written declaration describing the revised unit and stating the effective date of revision. To the extent any portion of the leased premises is included in or excluded from the unit by virtue of such revision, the proportion unit production on which revisities are payable hereunder shall thereafter he adjusted accordingly. In the absence of production in paying quantities from a unit, or upon cessation thereof, Lessee may terminate the unit by filing of record a written declaration describing the unit and stating the date of termination. Pooling hereunder shall not constitute a cross-conveyance of interests. hereunder shall not constitute a cross-conveyance of interests.

7. Payment Reductions. If Lessor owns less than the full mineral estate in all or any part of the leased premises, the royalties, and shut-in royalties payable hereunder for any well on any part of the leased premises or land pooled therewith shall be reduced to the proportion that royalties payable hereunder for any well on any part of the leased premises or land pooled therewith shall be reduced to the proportion that royalties payable here of the leased premise or land pooled therewith shall be reduced to the proportion that

Lessor's interest in such part of the leased premises bears to the full mineral estate in such part of the leased premises. To the extent any royalty or other payment attributable to the mineral estate covered by the lease is payable to someone other than Lessor, such royalty or other payment

shall be deducted from the corresponding amount otherwise payable to Lessor hercunder.

8. Ownership Changes. The interest of either Lessor or Lessae may be assigned, devised or otherwise transferred in whole or in part by area and/or by depth or zone, and the rights and obligations of the parties hercunder shall extend to their respective hairs, devisees, executors, and/or by depth or zone, and the rights and obligations of the parties hercunder shall extend to their respective hairs, devisees, executors, administrators, successors and assigns. No change in Lessor's ownership shall have the offect of reducing the rights or enlarging the obligations of Lessee hereunder, and no change in ownership shall be binding on Lessee until sixty days after Lessee has been furnished the original or duly of Lessee nereander, and no enange in ownership shall be binding on Lessee until sixty days after Lessee has been turnished the original or duly authenticated copies of the documents establishing such change of ownership to the satisfaction of Lessee or until Lesser has satisfact the notification requirements contained in Lessee's usual form of division order. In the event of the death of any person entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to the credit of decedent or decedent's estate at the address designated above. If at any time may a given before are set third to that he condition have all the satisfactions. time two or more persons are entitled to shut-in royalties herrunder, Lessee may pay or tender such shut-in royalties to such persons, either jointly, or separately in proportion to the interests which each owns. If Lessee transfers its interest hereunder in whole or in part, Lessee shall be relieved of all obligations bereafter existing with respect to the transferred interests, and failure of the transferre to satisfy such obligations with respect to the transferred interests, shall not effect the rights of Lessee with respect to any interests not so transferred. If Lessee transfers a full or respect to the transferror microsis, shall not effect the rights of Lessee with respect to any interests not so transferred. If Lessee transfers a find of undivided interest in all or any portion of the area covered by this lease, the obligation to pay or tender shall not royalties bereunder shall be divided between Lessee and the transferred in proportion to the net correage interest in this lease then held by each.

9. Release of Lease. Lessee may, at any time and from time to time deliver to Lessor or file of record a written release of this lease as to a full or

9. Icelease of Lease. Leases may, at any time and from time to time deliver to Lessor or the of record a written release of this lease as to a tail of undivided interest in all or any portion of the area covered by this lease or any depths or zones theraunder, and shall thereupon be relieved of all obligations thereafter arising with respect to the interest so released. If Lessee releases less than all of the interest or area covered hereby, Lessee's obligation to pay or tender shut-in royalties shall be proportionately reduced in accordance with the net acreage interest retained

nereunder.

10. Ancillary Rights. In exploring for developing, producing and marketing all oil, gas and other substances covered hereby on the leased premises or lands pooled or unitized therewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with premises or lands pooled or unitized therewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with the right to conduct such operations on the leased premises as may be reasonably necessary for such purposes, including but not limited to geophysical operations, the drilling of wells, and the construction and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection. geophysical operations, are untiling of weits, and are constitutions and use of roads, cannot province, makes white, original weils, pits, electric and telephone lines, power stations, and other facilities deemed necessary by Lessen to discover, produce, store, treat and/or wons, pils, efective and telephone moss, power stations, and other inclinics deemed necessary by Lessee to discover, produced, store, treat analysis transport production. Lessee may use in such operations, free of cost, any oil, gas, water and/or other substances produced on the leased premises, except water from Lessor's well or pands, in exploring, developing, producing or marketing from the leased premises or lands pooled or unitized therewith, the ancillary rights granted herein shall opply (a) to the entire leased premises described in Paragraph 1 above, notwithstanding any partial releases or other partial termination of this lease, and (b) to any other lands in which Lessor now or hereafter has authority to grant such rights in the vicinity of the leased premises or lands pooled therewith. When requested by Lessor in writing, Lessee shall have the interface helping and least force any house or here caused by bury its pipelines below ordinary plow depth on cultivated lands. No well shall be located less than 200 feet from any house or burn new on the leased premises or other lands of Lessor used by Lessee hereunder, without Lessor's consent, and Lessee shall pay for damage caused by its operations to buildings and other improvements now on the leased premises or such other lands, and to commercial timber and growing crops thereon. Lessee shall have the right at any time to remove its fixtures, equipment and materials, including well casing, from the leased premises

or such other lands during the term of this lease or within a reasonable time thereafter.

11. Regulation and Delay. Lessee's obligations under this lease, whether express or implied, shall be subject to all applicable laws, rules, regulations and orders of any governmental authority having jurisdiction, including restrictions on the drilling and production of wells, and regulation of the price or transportation of oil, gas and other substances covered hereby. When drilling, reworking, production or other operations are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain necessary permits, equipment, services, material, water, electricity, fuel, access or ensements, or by fire, flood, adverse weather conditions, war, sabotage, reheliton, insurrection, riot, strike or labor disputes, or by lnability to obtain a satisfactory market for production or failure of purchasors or carriers to take or transport such production, or by any other cause not reasonably within Lessee's control, this lease shall not terminate because of such prevention or delay, and, at Lessee's option, the period of such prevention or delay shall be added to the term hereof. Lessee shall not be liable for breach of any provisions

at Lessers option, the period of such prevention or detay small be added to the train firstor. Lesser shall not be indeed to detay of implied coverants of this lease when drilling, production or other operations are so prevented or delayed.

12. Breach or Default. No litigation shall be initiated by Lessor for damages, forfeiture or cancellation with respect to any breach or default by Lessee horewader, for a period of at least 90 days after Lessor has given Lessee written notice fully describing the breach or default, and then only if Lessee fails to remedy the breach or default within such period. In the event the matter is litigated and there is a final judicial determination that a brench or default has becurred, this lesse shall not be forfeited or cancelled in whole or in part unless Lessee is given a reasonable time after the breach of the breach or default within the lesses that not appear to the control of the lessee shall not be forfeited or cancelled in whole or in part unless Lessee is given a reasonable time after

said judicial determination to remedy the breach or default and Lessee fails to do so.

13. Warranty of Title. Lessor hereby warrants and agrees to defend title convoyed to Lessee hereunder, through and under Lessor but not to, warranty or time. Lessor mereny warrants and agrees to detend the conveyed to Lessoe hereunder, inrough and under Lessor both not otherwise, and agrees that Lessee at Lessee's option may pay and discharge any taxes, mortgages or liens existing, levied or assessed on or against the leased premises. If Lessee exercises such option, Lessee shall be subrogated to the rights of the party to whom payment is made, and, in addition to its other rights, may reimburse itself out of any royalties or shut-in royalties otherwise payable to Lessor herounder. In the event Lessee is made aware of any claim inconsistent with Lessor's title, Lessee may suspend the payment of royalties and shut-in royalties hereunder, without interest, until Lessee has been furnished suisfactory evidence that such claim has been resolved.

14. Addendum, An addendum is attached bestet and made a part bereof for all numbes.

14. Addendum. An addendum is attached hereto and made a part hereof for all purposes

IN WITNESS WHEREOF, this lease is executed to be effective as of the date first written above, but upon execution shall be binding on the signatory and the signatory's heirs, devisees, executors, administrators, anccessors and assigns, whether or not this lease has been executed by all parties hereinabove named as Lessor

LESSOR

LESSOR

ACKNOWLEDGEMENTS

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This instrument was acknowledged before me on the 23 rd day of October

Amold Brannan.

LYNN J. LORD NOTARY PUBLIC STATE OF GEORGIA MY COMM. EXP. 1-23-11

STATE OF TEXAS

Johnon

JAMES ERWIN Notary Public, State of Texas My Commission Expires August 22, 2010

Notary Public for the State of Texas

EXHIBIT "A"

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Attached hereto and made a part of that certain Oil, Gas & Mineral Lease dated April 17, 2007 by and between Arnold Brannan and Collette Brannan as Lessor and CARRIZO OIL & GAS, INC., as Lessee.

- 15. It is agreed and understood by all parties that the following provisions of this Exhibit shall supersede any provisions to the contrary in the printed lease to which this Exhibit is attached.
- 16. This lease covers only oil, gas, sulphur and other associated hydrocarbons which can be produced out of and from the bore of a well. Solid minerals, other than sulphur, such as iron, coal, sand, gravel, gold and clay are excluded from this lease.
- 17. Notwithstanding anything to the contrary in the printed lease or this Exhibit, this lease does not grant any drill site rights to Lessee and Lessee shall not have the right to conduct any operations on the surface of the leased premises, except seismic and geophysical operations. Nothing contained herein shall limit Lessee's right to drill under any portion of the leased premises.
- 18. Lessee is hereby given the option, to be exercised at any time prior to the date on which this lease or any portion thereof would expire in accordance with its terms and provisions thereof, to extend this lease for a period of two (2) years as to all or any portion of the acreage then held hereunder which would expire unless so extended. The only action required by Lessee to exercise such option shall be the payment to Lessor and/or such parties entitled under any change of ownership according to Lessee's records, an additional consideration of the sum of One Thousand Five Hundred Dollars (\$1,500.00) per net mineral acre owned by the party entitled to such payment at such time of the extension, in the acreage so extended. If the lease is extended as to only a portion of the acreage then covered thereby, Lessee shall designate such portion by a recordable instrument.
- 19. The royalties provided in Paragraph 3 herein shall be determined and delivered to Lessor free of any development, production, compression, processing, treating, transportation, delivery, marketing or like costs; however such royalties shall be subject taxes applicable to Lessor's share of production as paid by Lessee. Notwithstanding anything contained herein to the contrary, Lessee shall never be obligated to pay royalty on products produced, saved and sold by Lessee under this lease based upon a price higher than that realized by Lessee at the point of delivery nor shall Lessor's royalty on products produced, saved and sold by Lessee under this lease be paid based upon a price lower than that realized by Lessee at the point of delivery. For the purpose of this lease, point of delivery shall be defined as that point at which oil and/or gas or any other products produced by Lessee under this lease are no longer owned or controlled by Lessee.

SIGNED FOR IDENTIFICATION:

Collette Brannan